



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

James E. Moon, et al.

Serial No.: 09/698,329

Confirmation No.: 8664

Filed: October 27, 2000

For: INTEGRATED MONOLITHIC MICROFABRICATED
ELECTROSPRAY AND LIQUID
CHROMATOGRAPHY SYSTEM AND METHOD

Examiner: Arlen Soderquist

Art Unit
1743

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10

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I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 in an envelope addressed to: Box: DD, Commissioner for Patents, Washington, DC 20231, on this 11th day of February, 2003:

- Transmittal for Supplemental Information Disclosure Statement (2 pgs.)
- Supplemental Information Disclosure Statement (3 pgs.)
- Form PTO-1449 (3 pgs.)
- Copies of 33 references
- Form PTO-2038 authorizing the amount of \$180.00
- Postcard

Respectfully submitted,

Wm. Beebe

David O. Seeley
Attorney for Applicant
Registration No. 30,148

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PATENT APPLICATION
Docket No: 14917.1.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: James E. Moon, et al.)
Serial No.: 09/698,329) Art Unit
Confirmation No.: 8664) 1743
Filed: October 27, 2000)
For: INTEGRATED MONOLITHIC MICROFABRICATED)
ELECTROSPRAY AND LIQUID)
CHROMATOGRAPHY SYSTEM AND METHOD)
Examiner: Arlen Soderquist)

TRANSMITTAL FOR SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Box: DD
Commissioner for Patents
Washington, DC 20231

Sir:

Transmitted herewith for filing and pursuant to 37 C.F.R. § 1.97 is a Supplemental Information Disclosure Statement, which includes the following statements, if any, required variously by 37 C.F.R. § 1.98:

A. Additional Materials Required Due to Content of Supplemental Information Disclosure Statement

Transmitted are the following documents in addition to the Supplemental Information Disclosure Statement as required variously under 37 C.F.R. § 1.98:

X Form PTO-1449 listing 33 references submitted for consideration.

X Copies of 33 of the references listed on the Form PTO-1449.

B. Additional Materials Required Due to Timing of Filing of Supplemental Information Disclosure Statement

The transmitted Supplemental Information Disclosure Statement is being filed within the following time period:

X Following the latter of either three (3) months following the filing date or the mailing of a first Office Action, but before the mailing of a final Office Action or a Notice of Allowance. Accordingly, to secure consideration thereof, one (1) of the following is also enclosed:

X Credit Card Payment Form PTO-2038 authorizing the amount of \$180.00 constituting the submission fee set forth in 37 C.F.R. § 1.17(p).

C. Fees

The Commissioner is hereby authorized to charge payment of or any deficiency in the following fees associated with this communication, or to credit any overpayment thereof, to Deposit Account No. 23-3178. A duplicate copy of this letter is enclosed.

X Any fee required in relation to filing of this letter or any documents transmitted therewith.

Dated this 11th day of February 2003.

Respectfully submitted,



David O. Seeley
Attorney for Applicant
Registration No. 30,148



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PATENT APPLICATION

Docket No: 14917.1.1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

James E. Moon, et al.

Serial No.: 09/698,329

Confirmation No.: 8664

Filed: October 27, 2000

For: INTEGRATED MONOLITHIC MICROFABRICATED
ELECTROSPRAY AND LIQUID
CHROMATOGRAPHY SYSTEM AND METHOD

Examiner: Arlen Soderquist

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

Box: DD
Commissioner for Patents
Washington, DC 20231

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

In accordance with 37 C.F.R. § 1.98(c), all English translations within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) of each non-English reference, if any, are also enclosed.

Additional note: Applicants have a number of related applications, and there are also a number of applications that have been filed without naming Advion as a co-owner. Advion has initiated interference inquiries, which are currently pending.

Related applications owned jointly by Advion & Calient:

- 09/703,246
- 09/702,950
- 09/702,955
- 09/703,005
- 09/707,653
- 09/707,856

Related applications where Advion has been omitted as owner but claims to be co-owner:

09/746,867

Related applications filed by Advion to provoke an interference:

- 10/157,837
- 10/157,956
- 10/157,957
- 10/157,958

Please credit any over payment or charge any additional fees to Deposit Account
No. 23-3178 of the undersigned.

DATED February 11, 2003.

Respectfully submitted,



David O. Seeley
Attorney for Applicant
Registration No. 30,148

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Applicant: James E. Moon, et al.

Serial No.: 09/698,329

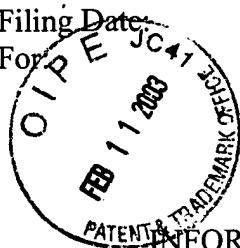
Att'y Docket No.: 14917.1.1

Filing Date: October 27, 2000

Group: 1743

For

INTEGRATED MONOLITHIC MICROFABRICATED
ELECTROSPRAY AND LIQUID CHROMATOGRAPHY
SYSTEM AND METHOD



INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

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TC-1700

U.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>
___ 1	3,669,881	06/13/72	Cremer et al.
___ 2	4,092,166	05/30/78	Olsen et al.
___ 3	4,403,234	09/06/83	Miura et al.
___ 4	4,683,042	07/28/87	Scott
___ 5	4,728,392	03/01/88	Miura et al.
___ 6	5,294,426	03/15/94	Sekine et al.
___ 7	5,316,680	05/31/94	Frechet et al.
___ 8	5,334,310	08/02/94	Frechet et al.
___ 9	5,431,807	07/11/95	Frechet et al.
___ 10	5,445,324	08/29/95	Berry et al.
___ 11	5,453,185	09/26/95	Frechet et al.
___ 12	5,493,115	02/20/96	Deinzer et al.
___ 13	5,495,108	02/27/96	Apffel, Jr. et al.
___ 14	5,647,979	07/15/97	Liao et al.
___ 15	5,789,746	08/04/98	Kato et al.

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant:

James E. Moon, et al.

Serial No.:

09/698,329

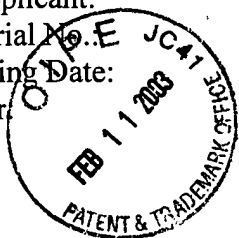
Att'y Docket No.: 14917.1.1

Filing Date:

October 27, 2000

Group: 1743

For:



INTEGRATED MONOLITHIC MICROFABRICATED
ELECTROSPRAY AND LIQUID CHROMATOGRAPHY
SYSTEM AND METHOD

_____ 16	5,800,692	09/01/98	Naylor et al.
_____ 17	5,804,022	09/08/98	Kaltenbach et al.
_____ 18	5,856,082	01/05/99	Aebersold et al.
_____ 19	5,876,957	03/02/99	Douglas et al.
_____ 20	5,917,185	06/29/99	Yeung et al.
_____ 21	5,969,351	10/19/99	Nabeshima et al.
_____ 22	6,007,775	12/28/99	Yager
_____ 23	6,394,945 B2	05/28/02	Moon et al.
_____ 24	6,417,510 B2	07/09/02	Moon et al.
_____ 25	6,454,938 B2	09/24/02	Moon et al.

Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>
_____ 26	WO 01/50499	07/12/01	PCT
_____ 27	WO 0153819	07/26/01	PCT
_____ 28	EP 0 964,428 A2	12/15/99	Europe
_____ 29	EP 0 966,022 A2	12/22/99	Europe
_____ 30	WO 93/22053	11/11/93	PCT
_____ 31	WO 93/22055	11/11/93	PCT

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant: James E. Moon, et al.

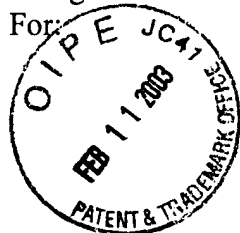
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INTEGRATED MONOLITHIC MICROFABRICATED
ELECTROSPRAY AND LIQUID CHROMATOGRAPHY
SYSTEM AND METHOD**RECEIVED**
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TC 1700Other Documents

(including author, title, pertinent pages, etc.)

Examiner

Initial*

- _____ 32 Peters, et al., "Rigid Macroporous Polymer Monoliths," Adv. Mater., 11(14):1169-1181 (1999)
- _____ 33 Snyder, Introduction to Modern Liquid Chromatography, John Wiley & Sons, Inc., pp. 270-272 and 277-278 (1979)

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

Examiner: _____

Date Considered: _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.